PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 1 of 18				Attorney Docket No: 030280		
(200 00 ///0	(Use as many sheets as necessary)			Examiner Name CAI, WAYNE HUU		
(Úse as ma	nv sheets as nece	ssan/l		Art Unit	2617	
STATEN	IENT BY A	PPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.	
	IATION DIS			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitute for	form 1449/PTO			Complete if Known		

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US5774809	06-30-1998	TUUTIJARVI, et al.	
	002	US6208858	03-27-2001	ANTONIO, et al.	
	003	US6760303	07-06-2004	BROUWER; Frank	
	004	USRE38603	09-28-2004	Kim ,et al.	
	005	US7289529	10-30-2007	SHERMAN; Matthew J.	
	006	US6816827	11-09-2004	XIA, et al.	
	007	US3470324	09-30-1969	HARMUTH Henning.	
	008	US5406585	04-11-1995	ROHANI; Kamyar. et al.	
	009	US5463342	10-31-1995	GUARD; Glenn B.	
	010	US5483557	01-09-1996	WEBB; William T.	
	011	US5544156	08-06-1996	TEDER; Paul M. et al.	
	012	US5581575	12-03-1996	ZEHAVI; Ephraim. et al.	
	013	US5627938	05-06-1997	JOHNSTON; James D.	
	014	US5647366	07-15-1997	WENG; Lee.	
	015	US5719852	02-17-1998	SCHILLING; Donald L. et al.	
	016	US5726978	03-10-1998	FRODIGH; Carl Magnus. et al.	
	017	US5752193	05-12-1998	SCHOLEFIELD; Christopher. et al.	
	018	US5754537	05-19-1998	JAMAL; Karim.	
<u> </u>	019	US5764551	06-09-1998	MCCORKLE; John W.	
	020	US5781861	07-14-1998	KANG; Chang-Soon. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09) Approved for use through 07/31/2012. OMB 0651-0031

Approved for use through 0//31/2012, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 2 of 18			18	Attorney Docket No: 030280		
1	(Use as many sheets as necessary)			Examiner Name CAI, WAYNE HUU		
(Use as	manv sheets as ne	ecessary)		Art Unit	2617	
STATE	STATEMENT BY APPLICANT			First Named Inventor	NANDA; Sanjiv. et al.	
	MATION E			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitute	for form 1449/PTC	)		Complete if Known		

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	021	US5809059	09-15-1998	SOUISSI; Slim. et al.	
	022	US5815526	09-29-1998	RICE; Bart F.	
	023	US5857174	01-05-1999	DUGAN; John W.	
	024	US5862451	01-19-1999	GRAU; Alan L. et al.	
	025	US5903608	05-11-1999	CHUN; You-sik.	
	026	US5914950	06-22-1999	TIEDEMANN; Jr. Edward G. et al.	
	027	US5923650	07-13-1999	CHEN; Tao. et al.	
<u>.</u>	028	US5956642	09-21-1999	LARSSON; Per .ANG.ke. et al.	
	029	US5966377	10-12-1999	MURAI; Hideshi.	
	030	US5966670	10-12-1999	KESKITALO; likka. et al.	
	031	US5969751	10-19-1999	LEE; Myeong-hwan.	
	032	US5973642	10-26-1999	LI; Ye. et al.	
	033	US5991271	11-23-1999	JONES; David C. et al.	
	034	US5991273	11-23-1999	ABU-DAYYA; Adnan.	
	035	US6005876	12-21-1999	CIMINI; Jr. Leonard Joseph. et al.	
	036	US6014373	01-11-2000	SCHILLING; Donald L. et al.	
	037	US6049716	04-11-2000	JUNG; Jin-soo.	
	038	US6052594	04-18-2000	CHUANG; Justin Che-I. et al.	
	039	US6061359	05-09-2000	SCHILLING; Donald L. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 3 of 18				Attorney Docket No: 030	280	
(Use as many sheets as necessary)				Examiner Name CAI, WAYNE HUU		
(Use as	many sheets as n	ecessary)		Art Unit	2617	
STATE	EMENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.	
	RMATION			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitute	for form 1449/PT	0			Complete if Known	

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	040	US6064692	05-16-2000	CHOW; Jacky S.	
	041	US6088387	07-11-2000	GELBLUM; Ehud Alexander. et al.	
	042	US6094459	07-25-2000	KAO; Chiihsin. et al.	
	043	US6108374	08-22-2000	BALACHANDRAN; Krishna. et al.	
	044	US6108384	08-22-2000	OKUMURA; Yukihiko. et al.	
	045	US6111911	08-29-2000	SANDERFORD; Jr. H. Britton. et al.	
	046	US6115357	09-05-2000	PACKER; Robert L. et al.	
	047	US6128349	10-03-2000	CHOW; Jacky S.	
	048	US6128882	10-10-2000	JONES; Cecil Gwilliam.	
	049	US6130882	10-10-2000	LEVIN; Howard E.	
	050	US6131016	10-10-2000	GREENSTEIN; Lawrence Joel. et al.	
	051	US6134215	10-17-2000	AGRAWAL; Avneesh. et al.	
	052	US6141388	10-31-2000	SERVAIS; Frederic Henri. et al.	
	053	US6144654	11-07-2000	IBANEZ-MEIER; Rodrigo. et al.	
	054	US6195552	02-27-2001	JEONG; Jin-soo. et al.	
	055	US6201576	03-13-2001	RAGHUNATH; Kalavai J. et al.	
	056	US6201954	03-13-2001	SOLIMAN; Samir S.	
	057	US6205129	03-20-2001	ESTEVES; Eduardo A. S. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. sKind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

heet 4 of 18			****	Examiner Name CAI, WAYNE HUU		
(036.03 1116	any sneets as neces	isary)		Examiner Name	CAL MAYNE HERT	
(Üse as m	any sheets as neces	reand		Art Unit	2617	
STATE	MENT BY A	PPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.	
	NATION DIS			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitute for form 1449/PTO				Complete if Known		

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	058	US6208699	03-27-2001	CHEN; Tao. et al.	
	059	US6219374	04-17-2001	KIM; Seong Rag. et al.	
	060	US6222875	04-24-2001	DAHLMAN; Erik. et al.	
	061	US6222888	04-24-2001	KAO; Chiihsin. et al.	
	062	US6233455	05-15-2001	RAMAKRISHNA; Deepa. et al.	
	063	US6259746	07-10-2001	LEVIN; Howard E. et al.	
	064	US6292515	09-18-2001	KAO; Chiihsin. et al.	
	065	US6307844	10-23-2001	TSUNEHARA; Katsuhiko. et al.	
	066	US6335922	01-01-2002	TIEDEMANN; Jr. Edward G. et al.	
	067	US6347080	02-12-2002	JOU; Yu-Cheun, et al.	
	068	US6363255	03-26-2002	KUWAHARA; Soichi.	
	069	US6389056	05-14-2002	KANTERAKIS; Emmanuel. et al.	
	070	US6414988	07-02-2002	LING; Fuyun.	
	071	US6425105	07-23-2002	PIIRAINEN; Olli. et al.	
	072	US6483816	11-19-2002	TSUNEHARA; Katsuhiko. et al.	
	073	US6490461	12-03-2002	MULLER; Walter.	
	074	US6496496	12-17-2002	RAMAKRISHNA; Deepa. et al.	
	075	US6505058	01-07-2003	WILLEY; W. Daniel.	
	076	US6532363	03-11-2003	PUSSINEN; Arto.	

EXAMINER SIGNATURE

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant, 1 Applicant's unique citation designation number (optional), 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet	5	of	18	Attorney Docket No: 030280			
,	(Use as many sheets as necessary)			Examiner Name CAI, WAYNE HUU			
(Use as	many sheets as r	ecessary)		Art Unit	2617		
STATE	EMENT BY	APPLICA	ANT	First Named Inventor NANDA; Sanjiv. et al.			
	RMATION	the state of the s		Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PT	O <sup>.</sup>		Complete if Known			

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	077	US6535723	03-18-2003	JIANG; Frances. et al.	
***************************************	078	US6549561	04-15-2003	CRAWFORD; James A.	
	079	US6563885	05-13-2003	MAGEE; David Patrick. et al.	
	080	US6570444	05-27-2003	WRIGHT; Andrew S.	
	081	US6571101	05-27-2003	SCHULZ; Egon.	
	082	US6571104	05-27-2003	NANDA; Sanjiv. et al.	
	083	US6574205	06-03-2003	SATO; Toshifumi.	
	084	US6597913	07-22-2003	NATARAJAN; Kadathur S.	
	085	US6609007	08-19-2003	EIBLING; Edward Ellis. et al.	
	086	US6654609	11-25-2003	KIM; Dong-Hun.	
	087	US6680925	01-20-2004	WU; Qiang. et al.	
	088	US6701151	03-02-2004	DIACHINA; John W. et al.	
	089	US6711208	03-23-2004	RAZOUMOV; Leonid. et al.	
	090	US6741862	05-25-2004	CHUNG; Sae-Young. et al.	
	091	US6744754	06-01-2004	LEE; Young Jo.	
	092	US6751264	06-15-2004	HO; Yui-Luen. et al.	
	093	US6751444	06-15-2004	MEIYAPPAN; Palaniappan.	
	094	US6757241	06-29-2004	JONES; Vincent K. et al.	
	095	US6836666	12-28-2004	GOPALAKRISHNAN; Nandu. et al.	
	096	US6847826	01-25-2005	WESBY; Philip. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant: 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. sKind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 6 of 18				Attorney Docket No: 030	280	
(222	(Use as many sheets as necessary)			Examiner Name CAI, WAYNE HUU		
(Use a	s many sheets as r	necessary)		Art Unit	2617	
STAT	EMENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.	
	RMATION			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitut	e for form 1449/PT	O		Complete if Known		

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	097	US6847828	01-25-2005	MIYOSHI; Kenichi. et al.	
	098	US6865389	03-08-2005	LEE; Bo. et al.	
	099	US6880103	04-12-2005	KIM; Young Hwan. et al.	
	0100	US6898418	05-24-2005	RAUSCHMAYER; Dennis.	
	0101	US6904286	06-07-2005	DANTU; Ramanamurthy.	
	0102	US6917581	07-12-2005	PROCTOR; Jr. James A. et al.	
	0103	US6937582	08-30-2005	KRONESTEDT; Carl Fredric Ulf.	
	0104	US6952561	10-04-2005	KUMAR; Sarath. et al.	·
	0105	US6982946	01-03-2006	WIBERG; Niclas. et al.	
	0106	US6987798	01-17-2006	AHN; Seong-Woo. et al.	
	0107	US7006429	02-28-2006	YOSHIDA; Makoto. et al.	
	0108	US7012912	03-14-2006	NAGUIB; Ayman Fawzy. et al.	
	0109	US7016651	03-21-2006	NARASIMHAN; Ravi.	
	0110	US7031741	04-18-2006	LEE; Young Jo. et al.	
	0111	US7050406	05-23-2006	HSU; Liangchi. et al.	
	0112	US7054275	05-30-2006	KIM; Dae-Gyun. et al.	
	0113	US7061986	06-13-2006	TONISSEN; Shane. et al.	
	0114	US7068702	06-27-2006	CHEN; Hung-Kun. et al.	
	0115	US7069038	06-27-2006	HAKKINEN; Hannu. et al.	
	0116	US7076001	07-11-2006	BEADLE; Edward R. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

**DATE CONSIDERED** 

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2
See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 7 of 18			18	Attorney Docket No: 030	280		
(Use as many sheets as necessary)				Examiner Name CAI, WAYNE HUU			
(Use as	many sheets as n	ecessarv)		Art Unit	2617		
STATEMENT BY APPLICANT			ANT	First Named Inventor	NANDA; Sanjiv. et al.		
	RMATION E			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PT0	0		Complete if Known			

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	0117	US7092706	08-15-2006	YANG; Bin.	-
	0118	US7099397	08-29-2006	LEE; Goon Seop. et al.	
	0119	US7103021	09-05-2006	JOU; Yu-Cheun.	
	0120	US7120134	10-10-2006	TIEDEMANN; Jr. Edward G. et al.	
	0121	US7155236	12-26-2006	CHEN; Tao. et al.	
	0122	US7158504	01-02-2007	KADABA; Srinivas R. et al.	
	0123	US7164669	01-16-2007	LI; Xiaodong. et al.	
	0124	US7177367	02-13-2007	STORM; Andrew.	
	0125	US7187646	03-06-2007	SCHRAMM; Peter.	
	0126	US7190964	03-13-2007	DAMNJANOVIC; Aleksandar. et al.	
	0127	US7197085	03-27-2007	VELLA-COLEIRO; George P.	
	0128	US7215930	05-08-2007	MALLADI; Durga P.	
	0129	US7257101	08-14-2007	PETRUS; Paul. et al.	
	0130	US7269389	09-11-2007	PETRUS; Paul. et al.	
	0131	US7272199	09-18-2007	STORM; Andrew. et al.	
	0132	US7274743	09-25-2007	KIM; Yong-Woon.	
	0133	US7277709	10-02-2007	VADGAMA; Sunil Keshavji.	
	0134	US7286558	10-23-2007	KIM; Youn-Sun. et al.	
77777	0135	US7286846	10-23-2007	CHEN; Tao. et al.	
	0136	US7313167	12-25-2007	YOON; Young C. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

**DATE CONSIDERED** 

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 2 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. sKind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09) Approved for use through 07/31/2012, OMB 0651-0031

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 8 of 18			18	Attorney Docket No: 030	280		
,	,,	,,,,		Examiner Name CAI, WAYNE HUU			
(Use as	many sheets as n	ecessarv)		Art Unit	2617		
STATI	STATEMENT BY APPLICANT			First Named Inventor	NANDA; Sanjiv. et al.		
	RMATION [			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PT	0.		Complete if Known			

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	0137	US7317711	01-08-2008	BAE; Beom-Sik. et al.	
	0138	US7327716	02-05-2008	FONG; Mo-Han. et al.	
	0139	US7336640	02-26-2008	MCDONOUGH; John G. et al.	
	0140	US7336954	02-26-2008	WANG; Jun. et al.	
	0141	US7423992	09-09-2008	IWAMURA; Ryuichi.	
	0142	US7447258	11-04-2008	PIETILA; Samuli. et al.	
	0143	US7447287	11-04-2008	PARANTAINEN; Janne.	
	0144	US7463702	12-09-2008	AMMER; Gerhard. et al.	
	0145	US7505780	03-17-2009	WEI; Yongbin. et al.	
	0146	US7660282	02-09-2010	SARKAR; Sandip.	
	0147	US20040013102	01-22-2004	FONG, Mo-Han; et al.	
	0148	US20050254465	11-17-2005	LUNDBY, Stein A. et al.	
	0149	US20020067774	06-06-2002	RAZOUMOV, Leonid et al.	
	0150	US20020154610	10-24-2002	TIEDEMANN, Edward G. JR. et al.	
	0151	US20020021683	02-21-2002	HOLTZMAN; Jack. et al.	
	0152	US20020021692	02-21-2002	HUH; Hoon. et al.	
	0153	US20020051432	05-02-2002	SHIN; Yeong Jong.	
	0154	US20020111183	08-15-2002	LUNDBY; Stein A.	
	0155	US20020131522	09-19-2002	FELGENTREFF; Tilman.	
	0156	US20020137521	09-26-2002	KIM; Min-Goo. et al.	

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2
See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, a Applicant is to place a check mark here if English language.
Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09) Approved for use through 07/31/2012. OMB 0651-0031

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 9 of 18			18	Attorney Docket No: 030280			
(Use as many sheets as necessary)				Examiner Name CAI, WAYNE HUU			
(Use as	many sheets as r	necessary)		Art Unit	2617		
STATI	EMENT BY	APPLICA	ANT	First Named Inventor NANDA; Sanjiv. et al.			
	RMATION			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PT	Ó		Complete if Known			

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	0157	US20020150077	10-17-2002	TEMERINAC; Miodrag.	
	0158	US20020160767	10-31-2002	HANLY; Stephen Vaughan.	
	0159	US20020172192	11-21-2002	HUNZINGER; Jason F. et al.	
	0160	US20020183039	12-05-2002	PADGETT; Jay. et al.	
	0161	US20030039317	02-27-2003	TAYLOR; Douglas Hamilton. et al.	
	0162	US20030058822	03-27-2003	JOU; Yu-Cheun.	
	0163	US20030081538	05-01-2003	WALTON; Jay R. et al.	
	0164	US20030129981	07-10-2003	KIM; Hye Ock.	
	0165	US20030137953	07-24-2003	CHAE; Chan-Byoung. et al.	
	0166	US20030152102	08-14-2003	MORGAN; William. et al.	
	0167	US20030219037	11-27-2003	TOSKALA; Antti. et al.	
	0168	US20040101035	05-27-2004	BOER; Jan. et al.	
	0169	US20040160933	08-19-2004	ODENWALDER; Joseph P. et al.	
	0170	US20040203973	10-14-2004	KHAN; Farooq Ullah.	
	0171	US20040224711	11-11-2004	PANCHAL; Rajendra A. et al.	
	0172	US20040228349	11-18-2004	VRZIC; Sophie. et al.	
	0173	US20040228389	11-18-2004	ODENWALDER; Joseph P.	
	0174	US20050002324	01-06-2005	SUTIVONG; Arak. et al.	
	0175	US20050004970	01-06-2005	JAIN; Avinash. et al.	

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 10 of 18				Attorney Docket No: 030			
(0,00 u	o many shoots as h	cocosa y		Examiner Name CAI, WAYNE HUU			
// lse a	s many sheets as n	secessons)		Art Unit	2617		
STAT	EMENT BY	APPLICA	TNA	First Named Inventor NANDA; Sanjiv. et al.			
	RMATION I			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitut	te for form 1449/PT	0		Complete if Known			

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	0176	US20050007986	01-13-2005	MALLADI; Durga P. et al.	
	0177	US20050176456	08-11-2005	CHEN; Tao. et al.	
	0178	US20060007892	01-12-2006	SUDO; Hiroaki	
	0179	US20060019701	01-26-2006	JI; Tingfang	
	0180	US20060128410	06-15-2006	DERRYBERRY; Thomas R.; et al.	
	0181	US20060165126	07-27-2006	PETERSSON; Justus;. et al.	
	0182	US20060183497	08-17-2006	PARANCHYCH; David W.; et al.	
	0183	US20060215737	09-28-2006	BANG; Seung-Chan; et al.	
	0184	US20060264220	11-23-2006	CHEN; Tao; et al.	
	0185	US20070111669	05-17-2007	MALLADI; Durga P.;	
	0186	US20080043683	02-21-2008	KWON; Hwan-Joon; et al.	
	0187	US20080194286	08-14-2008	CHEN; Tao; et al.	
	0188	US20020136271	09-26-2002	HIRAMATSU, et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1459, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1459, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Complete if Known **Application Number** 10/628,955 INFORMATION DISCLOSURE **Filing Date** 2003-07-28 STATEMENT BY APPLICANT First Named Inventor NANDA; Sanjiv. et al. **Art Unit** 2617 (Use as many sheets as necessary) **Examiner Name** CAI, WAYNE HUU Sheet 11 of 18 Attorney Docket No: 030280

		Country Code <sup>3-</sup> Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	<b>T</b>
01	89	CN1263675	08-16-2000	QUALCOMM INC [US]		
01	90	JP200277984	03-15-2002	TOSHIBA CORP.		
01	91	CN1166094	11-26-1997	MITSUBISHI ELECTRIC CORP [JP]		
01	92	EP0783210A2	07-09-1997	NEC CORP [JP].		
01	93	EP0809364A2	11-26-1997	MITSUBISHI ELECTRIC CORP [JP].		
01	94	EP0921652A2	06-09-1999	KOREA ELECTRONICS TELECOMM [KR].	,	
01	95	EP1231807A2	08-14-2002	LG ELECTRONICS INC [KR].		
01	96	EP1236471A2	09-04-2002	ALCON LAB INC [US].		
01	97	EP1257140A1	11-13-2002	LUCENT TECHNOLOGIES INC [US].		
01	98	EP1292057A1	03-12-2003	MITSUBISHI ELECTRIC CORP [JP].		
01	99	GB2301687A	12-11-1996	DSC COMMUNICATIONS [US].		
02	:00	GB2352944A	02-07-2001	KOREA ELECTRONICS TELECOMM [KR].		
02	01	JP10013325A	01-16-1998	MATSUSHITA ELECTRIC IND CO LTD.		
02	02	JP11154919A	06-08-1999	SONY INT EUROP GMBH.		
02	03	JP11508417T	07-21-1999	TELEFONAKTIEBOLAGET LM ERICSSON		
02	04	JP2000299680A	10-24-2000	LUCENT TECHNOLOGIES INC.		
02	05	JP2001036500A	02-09-2001	SHARP KK.		
02	06	JP2001238269A	08-31-2001	KDDI CORP.		
02	07	JP2001515300T	09-18-2001	TELEFONAKTIEBOLAGET LM		

**EXAMINER SIGNATURE** 

/Wayne Cai/

**DATE CONSIDERED** 

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. (Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901,04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 12 of 18				Attorney Docket No: 030	280	
(52.52				Examiner Name CAI, WAYNE HUU		
(Use as	many sheets as n	ecessarvi		Art Unit	2617	
STATE	STATEMENT BY APPLICANT			First Named Inventor	NANDA; Sanjiv. et al.	
	RMATION E			Filing Date	2003-07-28	
				Application Number	10/628,955	
Substitute	for form 1449/PT0	)			Complete if Known	

			FOREIGN PATE	NT DOCUMENTS	- dyna pragation of the control of t	
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3-</sup> Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
	1			ERICSSON	Дррси	
	0208	JP2002159061A	05-31-2002	YRP MOBILE TELECOMM KEY TECH R. et al.		
	0209	JP2002522988T	07-23-2002	SAMSUNG ELECTRONICS CO. LTD.		
	0210	JP2003008521A	01-10-2003	FUJITSU LTD.		
	0211	JP2003060606A	02-28-2003	HITACHI INT ELECTRIC INC.		
	0212	JP2003060609A	02-28-2003	MITSUBISHI ELECTRIC CORP.		
	0213	JP2003069523A	03-07-2003	TOYO COMMUNICATION EQUIP.		
	0214	JP2004032518A	01-29-2004	SONY CORP.		
	0215	JP2004320679A	11-11-2004	NAT INST INF & amp. et al.		
	0216	JP2008072733A	03-27-2008	MATSUSHITA ELECTRIC IND CO LTD.		
	0217	JP08298498A	12-11-1996	MITSUBISHI ELECTRIC CORP.		
	0218	KR0156478B1	11-16-1998	LG ELECTRONICS INC [KR].		
	0219	RU2073913C1	02-20-1997	KONINKL PHILIPS ELECTRONICS NV [NL].		
	0220	RU2111619C1	05-20-1998	QUALCOMM INC [US].		
	0221	RU2115246C1	07-10-1998	VOENNAJA AKADEMIJA SVJAZI.		
	0222	RU2120198C1	10-10-1998	QUALCOMM INC [US].		
	0223	RU2183910C2	06-20-2002	SAMSUNG ELECTRONICS CO LTD [KR].		

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. s Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Complete if Known **Application Number** 10/628,955 INFORMATION DISCLOSURE **Filing Date** 2003-07-28 STATEMENT BY APPLICANT **First Named Inventor** NANDA; Sanjiv. et al. **Art Unit** 2617 (Use as many sheets as necessary) **Examiner Name** CAI, WAYNE HUU Sheet 13 of 18 Attorney Docket No: 030280

			FOREIGN PATE	NT DOCUMENTS	<del></del>	
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3-</sup> Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T 6
	0224	RU2189696C2	09-20-2002	QUALCOMM INC [US].	Appear	
	0225	WO0008869A2	02-17-2000	SAMSUNG ELECTRONICS CO LTD [KR].		
	0226	WO0042752A1	07-20-2000	SONY ELECTRONICS INC [US].		
	0227	WO0048328A1	08-17-2000	SAMSUNG ELECTRONICS CO LTD [KR].		
	0228	WO0065743A1	11-02-2000	NOKIA MOBILE PHONES LTD [FI]. et al.		
	0229	WO0110159A1	02-08-2001	HOTTINEN ARI [FI]. et al.		
	0230	WO0124568A1	04-05-2001	QUALCOMM INC [US].		
	0231	WO0141318A2	06-07-2001	KOREA ADVANCED INST SCI &amp. et al.		
	0232	WO0199303A2	12-27-2001	QUALCOMM INC [US].		
	0233	WO0199312A1	12-27-2001	SAMSUNG ELECTRONICS CO LTD [KR].		
	0234	WO0201762A1	01-03-2002	SAMSUNG ELECTRONICS CO LTD [KR].		
	0235	WO02063818A1	08-15-2002	MITSUBISHI ELECTRIC CORP [JP]. et al.		
	0236	WO02065664A2	08-22-2002	QUALCOMM INC [US].		
	0237	WO02080400A2	10-10-2002	QUALCOMM INC [US].		
	0238	WO0233838A2	04-25-2002	NORTEL NETWORKS LTD [CA]. et al.		
	0239	WO0237693A2	05-10-2002	CUTE LTD [IL]. et al.		
	0240	WO03084163A1	10-09-2003	INTEL CORP [US]. et al.		
						_

**EXAMINER SIGNATURE** 

/Wayne Cai/

DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2
See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. applicant is to place a check mark here if English language
Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09) Approved for use through 07/31/2012. OMB 0651-0031

Approved for use through 07/31/2012, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 14 of 18				Attorney Docket No: 030	280		
(,,,,,				Examiner Name	CAI, WAYNE HUU		
(Use as	many sheets as n	ecessarvi		Art Unit	2617		
STAT	EMENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.		
	RMATION E			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	e for form 1449/PT0	)		Complete if Known			

			FOREIGN PATE	NT DOCUMENTS		Ì
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3-</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or	T
imidio	110.	Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Ched Document	Relevant Figures Appear	
	0241	WO2005015942A1	02-17-2005	QUALCOMM INC [US]. et al.		
	0242	WO9205556A1	04-02-1992	KONINKL PHILIPS ELECTRONICS NV [NL].		
	0243	WO9510144A1	04-13-1995	TELIA AB [SE]. et al.		
	0244	WO9512297A1	05-04-1995	QUALCOMM INC [US].		
	0245	WO9701256A1	01-09-1997	ERICSSON TELEFON AB L M [SE].		
	0246	WO9733399A1	09-12-1997	ERICSSON TELEFON AB L M [SE].		
	0247	WO9836606A2	08-20-1998	QUALCOMM INC [US].		
	0248	WO9907089A1	02-11-1999	MOTOROLA INC [US].		
V 1 1 7	0249	WO9912282A1	03-11-1999	ERICSSON TELEFON AB L M [SE].		
	0250	WO9929054A1	06-10-1999	GOLDEN BRIDGE TECH INC [US].		
	0251	WO01017158A1	03-08-2001	QUALCOMM INC [US].		
	0252	WO01028194A1	04-19-2001	QUALCOMM INC [US].		
	0253	WO95007578A1	03-16-1995	QUALCOMM INC [US].		
	0254	WO99001994A2	01-14-1999	QUALCOMM INC [US].		
	0255	WO02095960	11-28-2002	QUALCOMM INCORPORATED		
	0256	JP2002-026808	01-25-2002	MATSUSHITA ELECTRIC IND CO LTD		
	0257	JP2002-232943	08-16-2002	SONY CORP		

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant: 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09) Approved for use through 07/31/2012. OMB 0651-0031

Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet	15	of	18	8 Attorney Docket No: 030280			
•		,,,		Examiner Name	CAI, WAYNE HUU		
(Use as	many sheets as ne	ecessarv)		Art Unit	2617		
STATE	MENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.		
	MATION E			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PTC	)			Complete if Known		

	•		FOREIGN PATE	NT DOCUMENTS		
		Foreign Patent Document	Publication		Pages, Columns, Lines, Where	
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3-</sup> Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
	0258	JP2005-505955	02-24-2005	QUALCOMM INCORPORATED		

		NON PATENT LITERATURE DOCUMENTS	
Initials* No.	{	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	0259	TA EIA interim Standard IS-856-1, 'CDMA.2000 High Rate Packet Data Air Interface Specification. Addendum "I,' January 2002. Pages 9-23 - 9-57, XP002299790.	
	0260	"Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems," TIA/EIA Interim Standard, February 3, 1999, XP002145331, pp. 6-380, 6 (TIA/EIA-95-B).	
	0261	"Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 5.3.0 Release 5)", ETSI TS 125 211 v 5.3.0 (2002-12), December 2002, Pages 1-52.	
	0262	3G TS 25.211 "Physical channels and mapping of transport channels onto physical channels (FDD)", Release 5, V5.0.0, March 2002.	
	0263	3G TS 25.212 "Multiplexing and channel coding (FDD)", Release 5, V5.0.0, March 2002.	
	0264	3G TS 25.213 "Spreading and modulation (FDD)", Release 5, V5.0.0, March 2002.	
	0265	3G TS 25.214 "Physical layer procedures (FDD)", Release 5, V5.0.0, March 2002.	
	0266	3GPP2 C.50024: "cdma2000 High Rate Packet Data Air interface Specification', 3RD Generation Partnership Project 2, "3GPP2" September 12, 2000. Pages I xxxix, 6-1 - 6-77, 8-1 - 8-54.	
	0267	3rd Generation Partnership Project, Technical Specification Group Radio Access Network: 3GPP TS 25.322 V4.7.0; Radio Access Link Control (RLC) Protocol Specification; Release 4, December 2002 (2002-12), pages 1-76.	

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant: 1 Applicant's unique citation designation number (optional). 2
See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language
Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet	16	of	18	Attorney Docket No: 030	280		
,				Examiner Name CAI, WAYNE HUU			
(Use as	many sheets as ne	ecessarv)		Art Unit	2617		
STATE	EMENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.		
	RMATION D			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PTC	)		Complete if Known			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	0268	ATTAR R.A et al. "A reverse link outer-loop power control algorithm for cdrna2000 1xEV systems,' ICC 2002. 2002 IEEE International Conference on Communications, New York. NY, Vol 1 of 5. 28 April 2002, pages 573-578. XP010589559.	
	0269	CHEN, TAU, "Method and Apparatus for Forward Link Power Control During Soft Handoff in a Communication System", US Provisional Application 60/356,929 entitled, filed 2/12/02, QUALCOMM Incorporated.	
	0270	GYUNG-HO HWANG et al. "Distributed Rate Control for Throughput Maximization and DOS Support in WCDMA System', 2001 IEEE, October 7-11. 2001, Pages 1721-1725.	
	0271	HAMAGUCHI, et al., "Characteristics of Orthogonal Slow-FH/16QAM method applying Interference-resistant Demodulation," Proceedings of Inst. Of Electronics, Information and Communication Engineers, B-II, June 25, 1995, vol. J78, B-II, no. 6, pp. 445-453.	
	0272	NANDAGOPAL T et al: "Service differentiation through end-to-end rate control in low bandwidth wireless packet networks" Mobile Multimedia Communications, 1999. 1999 IEEE International workshop on San Diego, CA USA 15-17 Nov 1999 Piscataway, NJ, USA IEEE.	
	0273	SARKAR S et al., "Adaptive Control of the Reverse Link in CDMA 2000", International Journal Of Wireless Information Networks, PLENUM PRESS, NY, US, Vol.9, No.1/1/2002, pgs 55-70, XP002300880, ISSN: 1068-9605.	
	0274	SARKAR S., et al., "CDMA2000 Reverse Link: Design and System Performance" VTC 2000-Fall. IEEE VTS 52nd, Vehicular Technology Conference, Boston, MA, September 24-28, 2000. Vol 6 of 6 Conf. 52, pages 2713-2719.	
	0275	SOHN et al., "Blind Rate Detection Algorithm in WCDMA Mobile Receiver", IEEE 54th Vehicular Technology Conference Proceedings, Atlantic City, NJ, October 7, 2001, pages 1589-1592.	
	0276	SUNAY, M, OGUZ, et al.: "Provision of Variable Data Rates in Third Generation Wideband DS CDMA System, "wireless Communications and Networking Conference, 1999, 21 September 1999, pgs 505-509.	-
	0277	TIA/EIA/IS-856-1;"CDMA 2000 High Rate Packet Data Air Interface Specification" Addendum 1(2002-06).	
	0278	YOU YH, et al.:"MC-VSG BNET System for High-Rate Wireless Personal Area Network	

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 17 of 18				Attorney Docket No: 030	280		
•	, , , , , , , , , , , , , , , , , , ,	,,		Examiner Name	CAI, WAYNE HUU		
(Use as	many sheets as n	ecessarv)		Art Unit	2617		
STAT	EMENT BY	APPLICA	ANT	First Named Inventor	NANDA; Sanjiv. et al.		
	RMATION			Filing Date	2003-07-28		
				Application Number	10/628,955		
Substitute	for form 1449/PT	O'			Complete if Known		

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), tit of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumissue number(s), publisher, city and/or country where published.			
		Applications, IEEE Transactions on Consumer Electronics, IEEE Inc., New York US, Vol. 48, No.2, May 2002, pgs 254-264.			
	0279	YOUNG-JOO SONG et al. "Rate-control Snoop: A Reliable Transport Protocol for Heterogeneous Networks with Wired and Wireless Links", IEEE Proceedings 2003, vol. 2, Mar. 16, 2003, pp. 1334-1338.			
	0280	YOUNG-UK CHUNG et al, "An Efficient Reverse Link Data Rate Control Scheme for 1xEV-DV System," IEEE 54TH. Vehicular Technology Conference Proceedings. Atlantic City, NJ, Oct. 7-11, 2001. IEEE, US. Vol 1 of 4, Conf. 54, October 10, 2001, pages 820-823.			
	0281	3GPP2 C: "CDMA 2000 High Rate Packet Data Air Interface Specification C.S0024" 3GPP Standards, 12 September 2000 (2000-09-12), XP002206456 cited in the application.			
	0282	CHAKRAVARTY S ET AL: "An Algorithm for Reverse Traffic Channel Rate Control for CDMA 2000 High Rate Packet Data Systems "GLOBECOM"OI. 2001 IEEE Global Telecommunications Conference. SAN ANTONIO, TX, NOV. 25 - 29, 2001, IEEE Global Telecommunications Conference, NEWYORK, NY: IEEE, US, x VOL. 6 OF 6, 25 November 2001 (2001-11-25), pages 3733-3737, XP002277693.			

EXAMINER SIGNATURE /Wayne Cai/ DATE CONSIDERED 10/25/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant: Applicant's unique citation designation number (optional). 2

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 4

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. sKind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language

Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.